

Title (en)
Gripping unit.

Title (de)
Greifelement.

Title (fr)
Élément de serrage.

Publication
EP 0065939 A2 19821201 (EN)

Application
EP 82850112 A 19820514

Priority
SE 8103082 A 19810518

Abstract (en)
A gripping unit (1) intended by means of mechanical contact to be caused to interact with an object (2) for the purpose of maintaining a gripping surface (3) belonging to the gripping unit in a fixed position relative to the object, said gripping unit including on the one hand a number of gripping elements (4) and on the other hand a gripping element support (5) connected to the gripping elements, in which the surface (3) of the gripping unit facing the object is in the form of one or more hard, gripping elements (4). Each gripping element (4) is joined directly to the gripping element support (5) by a metallurgical atomic bond. The material used for the gripping element support (5) is selected so as to exhibit considerable elastic rigidity, having the same or essentially the same modulus of elasticity as the material used for the gripping element (5).

IPC 1-7
B66C 1/42; B25B 5/16; B22F 7/06

IPC 8 full level
B66C 1/58 (2006.01); **B22F 7/06** (2006.01); **B25B 1/24** (2006.01); **B25J 15/00** (2006.01); **B25J 15/08** (2006.01); **B66C 1/42** (2006.01)

CPC (source: EP US)
B22F 7/06 (2013.01 - EP US); **B25B 1/241** (2013.01 - EP US); **B66C 1/42** (2013.01 - EP US); **Y10T 24/309** (2015.01 - EP US); **Y10T 24/33** (2015.01 - EP US); **Y10T 403/477** (2015.01 - EP US)

Cited by
DE19816328C1; GB2168917A; EP1071542B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0065939 A2 19821201; **EP 0065939 A3 19850109**; JP S5866687 A 19830420; SE 8103082 L 19821119; US 4476612 A 19841016

DOCDB simple family (application)
EP 82850112 A 19820514; JP 8468482 A 19820518; SE 8103082 A 19810518; US 37931782 A 19820518